

Table 1 Formulation Examples 1-15

Constitution	Function	Components	Formulation Example 1	Formulation Example 2	Formulation Example 3	Formulation Example 4	Formulation Example 5	Formulation Example 6	Formulation Example 7	Formulation Example 8
Nucleus	Nucleus Granule	ETHISPHERES	72.87	76.00	76.70	74.32	78.25	78.95	74.32	78.25
Drug-Carrying Layer	Drug	Beraprost sodium	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
	Coating Agent	HPMC 2910	3.79	3.68	3.62	3.79	3.68	3.62	3.79	3.68
	Plasticizer	PEG 6000	0.75	0.74	0.73	0.75	0.74	0.73	0.75	0.74
	Subtotal		4.66	4.54	4.47	4.66	4.54	4.47	4.66	4.54
Sustained Release Skin Layer 1	Coating Agent	Glycerol monostearate	7.50	7.50	7.50					
		Glycerol monopalmitate				6.00	6.00	6.00	6.00	6.00
		Glycerol trimyristate								
		Cetyl alcohol								
		Stearic acid								
	Talc									
Brittleness Agent			3.75	3.75	3.75	3.00	3.00	3.00	3.00	3.00
	Subtotal		11.25	11.25	11.25	9.00	9.00	9.00	9.00	9.00
Sustained Release Skin Layer 2	Coating Agent	Eudragit NE30D ¹	6.00	6.50		6.00	6.50		6.00	6.50
		Cellulose acetate						6.00		
		Ethyl cellulose			6.00					
	Brittleness Agent	Talc	6.00	1.30	1.20	6.00	1.30	1.20	6.00	1.30
	Plasticizer	Triethyl citrate		0.39	0.36		0.39	0.36		0.39
	Dispersant	Polysorbate 80	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Subtotal			12.02	8.21	7.58	12.02	8.21	7.58	12.02	8.21
Other	Lubricant	Talc	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Total			100.50	100.50	100.50	100.50	100.50	100.50	100.50	100.50

¹ "Eudragit NE30D" is a trademark, whose chemical name is poly(ethylacrylate, methylmethacrylate) and which has a molecular weight of 800,000.

Table 1 (continued)

Constitution	Function	Components	Formulation Example 9	Formulation Example 10	Formulation Example 11	Formulation Example 12	Formulation Example 13	Formulation Example 14	Formulation Example 15
Nucleus	Nucleus Granule	ETHISPHERES	78.95	71.32	75.25	75.95	72.82	76.75	77.45
Drug-Carrying Layer	Drug	Benaprost sodium	0.12	0.12	0.12	0.12	0.12	0.12	0.12
	Coating Agent	HPMC 2910	3.62	3.79	3.68	3.62	3.79	3.68	3.62
	Plasticizer	PEG 6000	0.75	0.75	0.74	0.73	0.75	0.74	0.73
	Subtotal		4.47	4.66	4.54	4.47	4.66	4.54	4.47
Sustained Release Skin Layer 1	Coating Agent	Glycerol monooleate							
		Glycerol monopalmitate							
		Glycerol tritristate	6.00	8.00	8.00	8.00			
		Cetyl alcohol					7.00	7.00	7.00
		Stearic acid	3.00	4.00	4.00	4.00	3.50	3.50	3.50
		Talc	9.00	12.00	12.00	12.00	10.50	10.50	10.50
Sustained Release Skin Layer 2	Coating Agent	Eudragit NE30D ¹		6.00	6.50		6.00	6.50	
		Cellulose acetate	6.00			6.00			6.00
		Ethyl cellulose	1.20	6.00	1.30	1.20	6.00	1.30	1.20
		Talc	0.36		0.39	0.36		0.39	0.36
		Triethyl citrate	0.02	0.02	0.02	0.02	0.02	0.02	0.02
		Polysorbate 80	7.58	12.02	8.21	7.58	12.02	8.21	7.58
Other	Subtotal		0.50	0.50	0.50	0.50	0.50	0.50	0.50
Total	Lubricant	Talc	100.50	100.50	100.50	100.50	100.50	100.50	100.50

¹ "Eudragit NE30D" is a trademark, whose chemical name is poly(ethylacrylate, methylmethacrylate) and which has a molecular weight of 800,000.

Unit: mg/capsule